IFW. 1774,

Application No. 10/549,487

Information Disclosure Statement Dated March 29, 2007

Attorney Docket No. 4385-052551



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.

10/549,487

Confirmation No. 1709

**Applicants** 

Manfred RÄTZSCH et al.

Filed

September 21, 2006

Title

PREPEGS FOR FIBER COMPOSITES HAVING

HIGH STRENGTH AND RESILIENCE

Group Art Unit

1774

Examiner

Not Yet Assigned

Customer No.

28289

## MAIL STOP AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## **INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to the requirements of 37 CFR §§ 1.56, 1.97, and 1.98, the Applicants hereby submit this Information Disclosure Statement together with a completed Form PTO/SB/08A-B and a copy of each non-U.S. patent reference cited therein. The cited U.S. patents are not enclosed pursuant to the waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for U.S. national patent applications filed after June 30, 2003.

This application is the U.S. national phase application of PCT Application Number PCT/EP04/002906, filed March 19, 2004. EP 1 279 686 and US 5,206,066 were cited in an International Preliminary Report on Patentability (IPRP) dated September 19, 2005 and in an International Search Report (ISR) dated July 28, 2004 in the underlying PCT Application. A

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 29, 2007.

Kay E. Yetter

(Name of Person Mailing Paper)

Signature

03/29/2007

Date

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copy of the IPRP is enclosed herewith. An English-language Abstract is provided herewith for DE 10 136 321 which corresponds to EP 1 279 686. Furthermore, U.S. Patent 6,818, 726 is cited herein as an English-language equivalent to EP 1 279 686.

The claims in the present invention are substantially similar to the claims filed in the PCT application. It should be noted that the Written Opinion states that Claims 1-11 meet the criteria set out in PCT Article 33(2)-(4) for novelty, inventive step, and industrial applicability. A copy of the ISR is not being submitted with this Information Disclosure Statement as it was received by the United States Patent and Trademark Office, as indicated in the Notice of Acceptance of Application under 35 U.S.C. § 371 and 37 CFR § 1.494 or § 1.495, dated November 20, 2006.

GB 1 164 424, JP 53 028 707, GB 2 028 352, U.S. 3,574,027, JP 10 016 123, JP 04 316 836, DE 19 10 097, and Hagstrand, P., Polym. Compos. (2001), 22(4), 568-578 were cited on page 1 of the specification and are relevant for the reasons stated therein. Corresponding English-language Abstracts are provided herewith for JP 53 028 707; DE 19 10 097; JP 04 316 836; and JP 10 016 123.

Since this Information Disclosure Statement is being submitted before the mailing date of a first Office Action on the merits, it is timely under 37 C.F.R. §1.97(b)(3) and no fee is required. The Commissioner of Patents and Trademarks is hereby authorized to charge any additional fees which may be required to Deposit Account No. 23-0650. One (1) original and one (1) copy of this Information Disclosure Statement are enclosed.

Respectfully submitted,

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PTO/SB/08a (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449A/PTO			Complete if Known			
				Application Number	10/549,487	_
		DISCLOS		Filing Date	September 21, 2006	
STATEMENT BY APPLICANT			ANT	First Named Inventor	Manfred RATZSCH	
(lise (	as many sheets as	s necessary)		Art Unit	1774	
(Out as many success as veccessary)				Examiner Name	Not Yet Assigned	
Sheet	1	Of	2	Attorney Docket Number	4385-052551	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant	
		Number - Kind Code <sup>2 (if known)</sup>			Passages or Relevant Figures Appear	
		US- 3,574,027	04-06-1971	Bonnet		
		US- 5,206,066	04-27-1993	Horacek		
		US- 6,818,726	11-16-2004	Rätzsch et al.		
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FOREIGN PATENT DOCUMENTS						
Examiner Cite Initials* No.1		Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6
		EP 1279686 A2	01-29-2003	Agrolinz Melamin GmbH	Eng. Abstract Attach.	
		GB 1,164,424	09-17-1969	J.R. Geigy A. G.		
		GB 2-028-352 A	03-05-1980	E.I. Dupont De Nemours		
		DE 1 910 097	09-10-1970	Wilhelmstal Werke et al.	Eng. Abstract Attach.	
		JP 53028707	03-17-1978	Asahi Chemical Ind.	Eng. Abstract Attach.	
	-	JP 04316836 A	11-09-1992	Hitachi Chem. Co. Ltd.	Eng. Abstract Attach.	
		JP 10016123	01-20-1998	Kanegafuchi Chemical Ind.	Eng. Abstract Attach.	
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Examiner	Date	
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Interest of the time of the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for fo	rm 1449B/PTO			Complete if Known		
				Application Number	10/549,487	
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STATI	EMENT B	Y APPLI	CANT	First Named Inventor	Manfred RATZSCH	
				Art Unit	1774	
	(Use as many shee	ets as necessary)		Examiner Name	Not Yet Assigned	
Sheet	2	of	2	Attorney Docket Number	4385-052551	

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
		PO. Hagstrand, Mechanical Properties and Morphology of Flax Fiber Reinforced Melamine-Formaldehyde Composites, POLYMER COMPOSITES, August 2001, Vol. 22, No. 4, pages 568-578				
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Examiner	Date	
Signature	Considered	·

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<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. Applicant is unique citation designation number (opinonal). Applicant is to place a check mark here it english language translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.